



Air Pollution Control Board
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COMPLIANCE ADVISORY

NOTICE OF AMENDMENTS TO NEW SOURCE PERFORMANCE STANDARD (NSPS) SUBPART Db-STANDARDS OF PERFORMANCE FOR INDUSTRIAL-COMMERCIAL-INSTITUTIONAL STEAM GENERATING UNITS

On September 21, 1993, the Air Pollution Control Board adopted amendments to New Source Performance Standard (NSPS) Subpart Db-Standards of Performance for Industrial-Commercial-Institutional Steam Generating units. Subpart Db currently applies to steam generating units with a heat input capacity of greater than 100 million BTU per hour for which construction, modification or reconstruction commenced after June 19, 1984. These units are subject to standards for oxides of sulfur (SO_x), particulate matter and nitrogen oxides (NO_x) emissions.

The amendments will:

- Revise the definition of "Very Low Sulfur Oil" to incorporate the industry standard of a maximum sulfur content of 0.5 weight percent and rename this term "Low Sulfur Oil" for statewide consistency. Compliance with the limit may be demonstrated by any of the following:
 - Determining the actual sulfur content of the fuel oil; or
 - Determining the sulfur dioxide emission rate; or
 - Maintaining oil receipts with the necessary certification from the fuel supplier that the fuel oil meets the definition.
- Delete the particulate matter emission limit for units that use low sulfur oil.
- Exempt steam-generating units with heat input capacity less than 250 million BTU per hour operating on natural gas, distillate oil and/or residual oil, provided the fuel contains 30% by weight of nitrogen or less and provided the unit has an annual capacity factor of 10 percent or less, from the nitrogen oxides emission limits and the nitrogen oxide performance testing and monitoring requirements.
- Reduce the NO_x monitoring requirements from continuous emissions monitoring to initial and annual compliance tests for all units firing natural gas, distillate oil and/or residual oil provided the fuel contains 30% by weight of nitrogen or less and provided the unit has an annual capacity factor of 10 percent or less.
- Reduce monitoring requirements from continuous emissions monitoring (CEM) to initial and annual compliance tests for units firing certain low-nitrogen fuels which operate at ten per cent or less of the annual capacity factor. Recordkeeping requirements for these units have also been reduced from extensive CEM related calculations and reporting of excursions to daily usage records for the affected unit.

If you would like a copy of Subpart Db, please contact the District's clerical staff at (619) 694-3307. Should you have any questions regarding the amendments or this advisory, please contact Paul Chad of the District's Engineering Division at (619) 694-3606.

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